

NOAA's Coastal Assessment and Data Synthesis System

Estuarine Living Marine Resources (ELMR)

Dataset Description

National Oceanic and Atmospheric Administration (NOAA) has developed a consistent data base on the presence, distribution, relative abundance, and life history characteristics of ecologically and economically important fishes and invertebrates in the nation's estuaries. The Estuarine Living Marine Resources (ELMR) program has been conducted jointly by NOAA's Special Projects Office (SPO) formerly Strategic Environmental Assessment (SEA) Division, the national Marine Fisheries Service (NMFS), and other agencies and institutions. The nationwide ELMR database includes data for 153 species found in 122 estuaries and coastal embayments and is organized by, species, life stage, estuary, salinity zone, and month.

The data are available for one distinct spatial aggregation identified below. To view the data dictionary of the dataset, click on the link below or refer to NOAA's Coastal Assessment and Data Synthesis System (<http://cads.nos.noaa.gov>).

- 1) Coastal Watersheds (from NOAA's Coastal Assessment Framework).
(http://sposerver.nos.noaa.gov/projects/cads/data_references/elmr/elmr_pda_h_dict.html)

Source(s) of Information

Distribution and Abundance of Fishes and Invertebrates in Estuaries
Regional Reports for West Coast, Gulf of Mexico, North Atlantic, Mid Atlantic,
Volume 1: Data Summaries
Strategic Environmental Assessments Division (SEA), National Ocean Service, NOAA
1305 East West Highway, SSMC4, 9th Floor
Silver Spring, Maryland 20910
310-713-3000

Coastal Assessment Framework (CAF) Data and Digital Geographic Files
Special Projects Office, National Ocean Service, NOAA
1305 East West Highway, SSMC4, 9th Floor
Silver Spring, Maryland 20910
310-713-3000

Data Processing

Selection of Estuaries:

Selection of Species:

Relative Abundance:

Contact(s) for Data Processing

For expert assistance with the data processing techniques used in developing this data, please contact;

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Quality Control

Citation

Estuarine Living Marine Resources (ELMR) data base. [Coastal Assessment and Data Synthesis \(CA&DS\) System](#), 1999. National Coastal Assessments (NCA) Branch, [Special Projects Office \(SPO\)](#), National Ocean Service ([NOS](#)), National Oceanic and Atmospheric Administration ([NOAA](#)). Silver Spring, Maryland.

Applicable Digital Geography

The data are associated to distinct spatial aggregations. Geographic Information System (GIS) digital geographies are available for associating these data to their appropriate spatial aggregations. The following GIS file applies to and should be used with these data during GIS processing. To download the data or an applicable digital geography, click on the links below.

Dataset Spatial Aggregation	Applicable GIS file(s)
Coastal Watersheds	ftp://sposerver.nos.noaa.gov/datasets/CADS/GIS_Files/ShapeFiles/caf/

For Additional Information:

For additional information, refer to NOAA's [Coastal Assessment and Data Synthesis \(CA&DS\) System](#), or contact;

The [CA&DS](#) team.
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